

SHUMAKER & SIEFFERT, P.A.  
8425 SEASONS PARKWAY, SUITE 105  
ST. PAUL, MINNESOTA 55125  
TEL 651.735-1100  
FAX 651.735-1102  
WWW.SSIPLAW.COM

RECEIVED  
CENTRAL FAX CENTER

AUG 23 2005

---

---

FACSIMILE SUBMISSION UNDER 37 CFR 1.8

---

TO:	FROM:
Examiner Brian J. Sines	H. Sanders Gwin, Jr.
COMPANY:	DATE:
U.S. Patent & Trademark Office	AUGUST 23, 2005
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
571-273-8300	11
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
571-272-1263	55578US002 (1004-131US01)
RE:	APPLICATION SERIAL NUMBER:
Amendment	10/028,257

---

RECEIVED  
CENTRAL FAX CENTER

AUG 23 2005

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Larry J. Carson; Joel R. Dufresne; Patrick R. Fleming; Michael C. Lea; Nicholas A. Lee; John Shigeura  
Confirmation No. 2327  
Serial No.: 10/028,257  
Filed: December 19, 2001 Customer No.: 32692  
Examiner: Brian J. Sines  
Group Art Unit: 1743  
Docket No.: 55578US002  
(1004-131US01)  
Title: ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF CAPILLARY AND MICROGROOVES ARRAYS

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office on August 23, 2005.

By: Beth M. Lindblom  
Name: Beth M. Lindblom

MAIL STOP AMENDMENT  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing  
☒ Amendment (9 pgs.)  
☒ No additional fee is required

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date: August 23, 2005By: 

SHUMAKER & SIEFFERT, P.A.  
8425 Seasons Parkway, Suite 105  
St. Paul, Minnesota 55125  
Telephone: 651.735.1100  
Facsimile: 651.735.1102

Name: H. Sanders Gwin, Jr.  
Reg. No.: 41,312

AUG 23 2005

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Larry J. Carson; Joel R. Dufresne; Patrick R. Fleming; Michael C. Lea; Nicholas A. Lee; John Shigeura	Confirmation No.	2327
Serial No.:	10/028,257		
Filed:	December 19, 2001	Customer No.:	32692
Examiner:	Brian J. Sines		
Group Art Unit:	1743		
Docket No.:	55578US002 (1004-131US01)		
Title:	ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF CAPILLARY AND MICROGROOVES ARRAYS		

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 23, 2005, the period of response for which runs through August 23, 2005, please amend the application as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.